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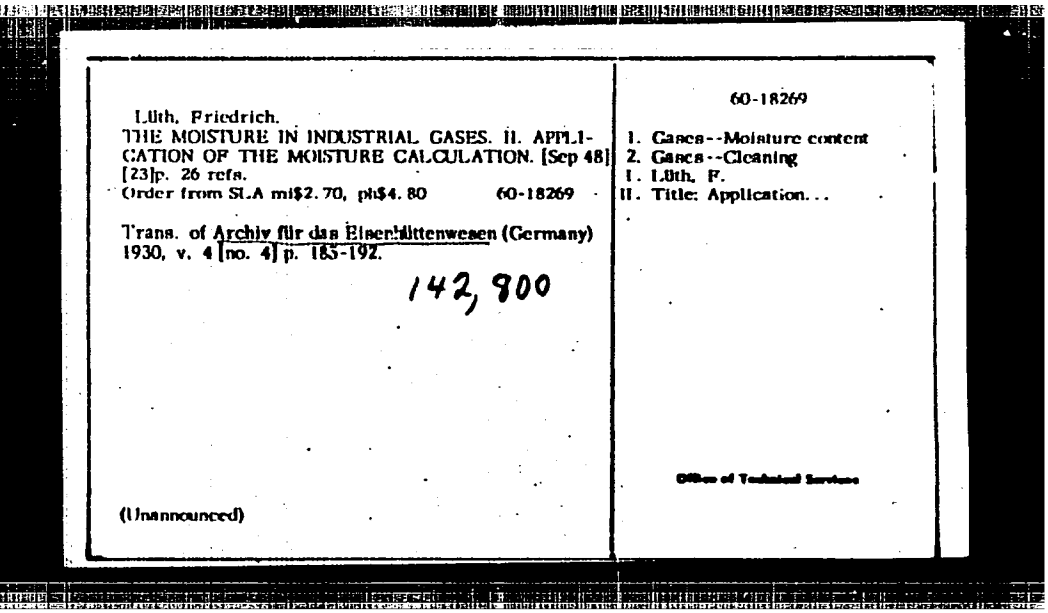


Lüth, Friedrich.
THE MOISTURE IN INDUSTRIAL GASES. II. APPLICATION OF THE MOISTURE CALCULATION. [Sep 48] [23]p. 26 refs.
Order from SLA mi$2.70, pb$4.80 60-18269

Trans. of Archiv für das Eisenhüttenwesen (Germany) 1930, v. 4 [no. 4] p. 185-192.

142,800

(Unannounced)

60-18269

1. Gases--Moisture content
2. Gases--Cleaning
I. Lüth, F.
II. Title: Application...

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Course of the Reactions Between Graphite and Oxides and Between Heavy Metal Carbides and Oxides, by Oskar Meyer, 14 pp.

GERMAN, per, Arch Eisenhuttenw, Vol IV, 1930, pp 193-198.

CIA/FDD/XX-427

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Chem
Apr
May 58

IAC INTERNAL USE ONLY

62,881

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

A

Tests on Heat Transfer in Rolling-mill Furnaces with Regard to the Heating of Ingots, by A. Schack, 18 pp.

GERMAN, per, Arch Eisenhuttenwesen, Vol IV, No 7, Jan 1931, pp 333-342.

SLA 57-3228

Sci

Aug 58

72,572

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

On the Nitriding of Iron and Iron Alloys, by
W. Eilender.
GERMAN, per, Arch Eisenhuttenw, Vol 4, 1931,
pp 343-352.
*NTIS/NBS TT 71-55189
Available NBS Only

June 71

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Rummel, Kurt.
THE CALCULATION OF THE HEAT ACCUMULATOR.
[1963] 21p (figs omitted) 19refs
Order from SLA $2.60 63-20252

Trans. of Archiv für das Eisenhüttenwesen (Germany) 1931, v. 4, no. 8, p. 367-374 (Verein Deutscher Eisenhüttenleute (Germany). Bericht-147).

DESCRIPTORS: *Furnaces, *Heaters, Heat exchangers, Partial differential equations, Heat transfer, Iron industry, Steel industry.

(Metallurgy, TT, v. 10, no. 10)

63-20252

I. Rummel, K.
II. Verein...Bericht-147

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Diepschlag, Ernst and Horn, Ernst.
CONCERNING THE CONVERSION OF IRON SULFIDE, MANGANESE SULFIDE AND CALCIUM SULFIDE WITH THE OXIDES OF IRON AND THE SIDE REACTIONS TAKING PLACE (Uber die Umsetzungen von Eisensulfid, Mangansulfid und Kalziumsulfid mit den Oxyden des Eisens and Dabei Auftretende Nebenreaktionen). [1963] [26]p. (foreign text included) 30 refs. Order from SLA $2.60 63-16738

Trans. of Archiv fur das Eisenhuttenwesen (Germany) 1931, v. 4, no. 8, p. 375-382.

DESCRIPTORS: Chemical reactions, Iron, Oxides, *Sulfides, *Calcium compounds, *Manganese compounds, *Iron compounds.

(Metallurgy, TT, v. 10, no. 8)

63-16738

I. Diepschlag, E.
II. Horn, E.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Sauerwald, F.
THE PRESENT STATUS OF THE INVESTIGATIONS INTO THE EQUILIBRIUM SYSTEMS IN STEEL MAKING. [1963] [43]p. [refs. omitted].
Order from SLA $4.60 63-16774

Trans. of Archiv f[ür das] Eisenhüttenwesen (Germany) 1932, v. 5, Jan, p. 355-364.

DESCRIPTORS: *Steel, *Smelting, Chemical equilibrium, Iron, Oxides, Calcium, Carbon, Silicon, Manganese, Phosphorous, Sulfur, Slags.

(Metallurgy--Ferrous Metals, TT, v. 10, no. 7)

63-16774

I. Sauerwald, F.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Internal Stresses in the Heat Treating of Steel, by H. Buhler, H. Buchholz, E. H. Schulz.

GERMAN, per, Archiv Eisenhuttenwesen, Vol V, No 8, 1932.

Brutcher Tr No 1927

16,704

Scientific - Min/Metals $7.35

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Residual Stresses in the Heat-Treatment of Steel
by Hans Buhler, Herbert Buchholz, Ernest Hermann
Schulz, 11 p.

GERMAN, per, Archiv fur das Eisenhuttenwesen, 1932.
Vol V, No 8, pp 413-418.

SLA 59-20595

Sci
Mar 60
Vol 3, No 1

114,000

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Schafmeister, Paul and Gotta, Andrew.
CORROSION TESTS WITH COLD ROLLED ACID PROOF CHROME NICKEL STEEL; TESTS ON TWO RUSTLESS STEELS, ONE OF WHICH HAS A Mo CONTENT OF 2.8%, IN 13 AND 61% SULPHURIC ACID. [1960] 12p.
Order from SLA mi$2.40, ph$3.30 61-10780

Trans. of Archiv [für das] Eisenhüttenwesen (Germany) 1932, v. 5 [no. 8] p. 427-430.

(Unannounced)

61-10780

1. Steel--Corrosion
I. Schafmeister, P.
II. Gotta, A.
III. Title: Tests...

151754

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

The System Iron-Cobalt-Tungsten, by Werner Koster, Willi Tonn, 13 p.

GERMAN, per, Arch fur das Eisenhuttenwesen, 1932, Vol V, No 8, pp 431-440.

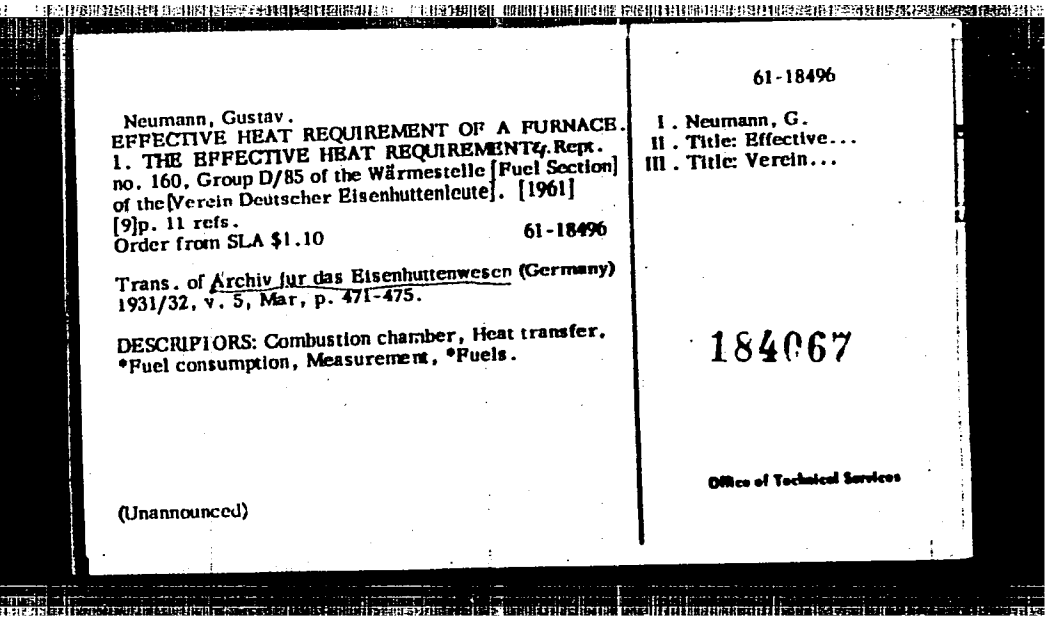
SLA 59-20229

Sci
Mar 60
Vol 2, No 11

109643

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9



Neumann, Gustav.
EFFECTIVE HEAT REQUIREMENT OF A FURNACE. 1. THE EFFECTIVE HEAT REQUIREMENT[y. Rept. no. 160, Group D/85 of the Wärmestelle [Fuel Section] of the [Verein Deutscher Eisenhuttenleute]. [1961]
[9]p. 11 refs.
Order from SLA $1.10 61-18496

Trans. of Archiv fur das Eisenhuttenwesen (Germany) 1931/32, v. 5, Mar, p. 471-475.

DESCRIPTORS: Combustion chamber, Heat transfer, *Fuel consumption, Measurement, *Fuels.

(Unannounced)

61-18496

I. Neumann, G.
II. Title: Effective...
III. Title: Verein...

184067

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Precipitation Hardening of 18-8 Steel by Additions of Beryllium, Boron, or Titanium and Effect on Corrosion Resistance, by H. Bennek, P. Schafmeister.

GERMAN, pub, Archiv Eisenhuttenwesen, Vol V, No 12, 1932.

Brutcher Tr 84

12,695

4

Scientific - Min/Metals $4.50

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Precipitation Hardening of 18-8 Steel by Additions of Beryllium, Boron, or Titanium and Effect on Corrosion Resistance, by H. Bennek, P. Schafmeister

GERMAN, per ARchiv Eisenhuttenwesen, Vol V, No 12, 1932.

Brutcher Tr No 84

Scientific - Min/Metals $4.40

13,987

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

On the Problem of Basic Open-Hearth Slags, by A. Klaus, N. Wark

GERMAN, per, Archiv Eisenhuttenwesen, Vol V, No 12, 1931 - 1932, pp 603-606.

Brutcher Tr 149

11,410

Scientific - Minerals/Metals
CTS/DEX Price $2.25

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Combined Action of Thermal Stresses and Transformation Stresses in Quenched Steels, by H. Buhler, E. Scheil.

GERMAN, per, Archiv Eisenhuttenwesen, Vol VI, 1933.

Brutcher Tr No 1026

16,731

Scientific - Geophysics $5.90

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Investigations into the Growth of Cast Iron, by E. Scheil, UNCLASSIFIED

GERMAN, Archiv Eisenhutten, Vol VI, 1932 - 1933, No 2, pp 61-67.

Brutcher Order No 92
Price $2.20

Scientific - Metallurgy

470

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

The Iron-Cobalt-Chromium System, by W. Koster.
GERMAN, per, Archiv fuer Eisenhuttenwesen, Vol VI,
1932, pp 113-116.
NASA TT F-9069

Sci-Mat & Met
Oct 64
U.S. GOVERNMENT ONLY

267,570

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Solubility of Hydrogen in Some Metals and Alloys,
by L. Luckmeyer-Hasse and H. Schenck,
UNCLASSIFIED

GERMAN, Archiv Eisenhutten-Wesen, Vol 6, 1932-1933, No 5, pp 209-214.

Brutcher Order No 107

Scientific - Metallurgy, iron, chromium, nickel, manganese, alloys

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Determination of Residual Stresses in Steel Cylinders on the Basis of Stress-Time Curves, by H. Buchholz, H. Buhler.

GERMAN, per, Archiv Fur Das Eisenhuttenwesen, Vol VI, 1932-1933, pp 253-256.

Brutcher Tr-No 122

16,710

Scientific - Min/Metals

$4.00

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Influence of Tempering Temperature and Duration Upon the Residual Stresses in the Heat Treatment, of Steel, by Herbert Buchholz, Hans Buhler, 8 p.

GERMAN, per, Archiv fur das Eisenhuttenwesen, 1932, Vol VI, No 6, pp 247-251.

SIA 59-20597

Sci
Mar 60
Vol 3, No 1

110,996

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Determination of Inherent Stresses by Measuring Deformations of Drilled Holes, by Josef Nathar

GERMAN, per, Archiv fur das Eisenhuttenwesen, Vol VI, No 7, 1932 - 1933, pp 277-281.

S.L.A. Tr Pool

Scientific - Engineering
CTS/DEX

14,253

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

The System Iron-Cobalt-Aluminum, by
Werner Koster.
GERMAN, per, Arch fur Eisenh, Vol 7,
No 4, Oct 1933, pp 263-264.
NASA TT F-12,144

Sci-Mat
July 69

388,577

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Permeability of Steel to Hydrogen at 1300-1830° F. by C. Lewkonja, W. Baukloh.

GERMAN, per, Archiv Eisenhuttenwesen, Vol VI, No 10, 1933.

Brutcher Tr 945

Scientific - Min/Metals

~~13,776~~ 14,419

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Relation Between Thermal Stresses and Strength Properties of Steel, by H. Buchholz, M. Buhler, 12 p.

GERMAN, per, Archiv fur das Eisenhuttenwesen, 1933, Vol VI, No 8, pp 335-340.

SLA 59-20590.

Sci
Mar 60
Vol 3, No 1

110,997

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Combined Effect of Thermal and Transformation Stresses
ms in Quenched Steel, by Hans Buhler, Erich Scheil,
10 p.

GERMAN, per, Archiv fur das Eisenhuttenwesen, 1933,
Vol VI, No 7, pp 283-288.

SLA 59-20822

Sci
Mar 60
Vol 3, No 1

110, 999

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Schwarz, Carl, Schröder, Ernst, and Leiber, G.
MANGANESE EQUILIBRIUM AND PHOSPHORUS EQUILIBRIUM IN OPEN HEARTH FURNACE IN LIGHT OF RECENT TEMPERATURE MEASUREMENTS, I.
[1963] [18]p. 15 refs.
Order from SLA $1.60 63-16772

Trans. of Arch[iv] f[ü]r das Eisenhüttenwesen (Germany) 1933 [v. 7, no. 3] p. 165-174.

DESCRIPTORS: Temperature, Measurement, Open hearth furnaces, *Phosphorus, *Manganese, Chemical equilibrium, Steel, Slags.

(Metallurgy, TT, v. 10, no. 8)

63-16772

I. Schwarz, C.
II. Schroder, E.
III. Leiber, G.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Effect of Absorption [illegible] of Oxygen and Nitrogen in Fusion Welding, by E. Piwowarsky, W. Kleinefenn

GERMAN, per, Archiv Eisenhuttenwesen, Vol VII, 1933-1934, No 3, pp 205-208.

Brutcher Order No 927
Price $4.80

Scientific - Metallurgy

1392

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Schwarz, Carl.
MANGANESE EQUILIBRIUM AND PHOSPHORUS EQUILIBRIUM IN OPEN HEARTH FURNACE IN LIGHT OF RECENT TEMPERATURE MEASUREMENTS, II. [1963] [6]p. [refs. footnotes omitted).
Order from SLA $1.10 63-16773

Trans. of Arch[iv] für das Eisenhüttenwesen (Germany) 1933, v. 7, no. 4, p. 223-227.

DESCRIPTORS: Temperature measurement, Open hearth furnaces, *Phosphorus, *Manganese, Chemical equilibrium, Slags, Nomographs.

(Metallurgy, TT, v. 10, no. 8)

63-16773

I. Schwarz, C.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Design and Operation of a Vacuum High-Frequency Furnace, by W. Bottenberg, UNCLASSIFIED

GERMAN, Archiv Eisenhuttenwesen, Vol 7, 1933, No 4, pp 233-236.

Brutcher Order No 83

Scientific - Metallurgy, furnace

February 1953

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Solubility of Hydrogen and Nitrogen in Iron-Molybdenum Alloys, by A. Sieverts, K. Bruning.

GERMAN, per, Archiv Eisenhuttenwesen, Vol VII, 1934.

Brutcher Tr No 692

Scientific - Min/Metals $4.50

16,668

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Metallurgy of Crucible Melting Process, by P. Bardenheuer, W. Bottenberg.

GERMAN, per, Archiv Eisenhuttenwesen, Vol VII, 1934.

Brutcher Tr 181

Scientific - Min/Metals $3.40

12,935

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

The Influence of the Conditions of Quenching on the Internal Stresses of Steels, by H. Buhler, E. Scheil, 15 pp.

GERMAN, per, Archiv fur das Eisenhuttenwesen, Vol VII, No 6, Dec 1933, pp 359-363.

S.L.A. No 179/1956

Scientific - Minerals/metals 34,402

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Residual Stresses in Heat Treated Hollow Steel Cylinders, by Herbert Buchholz, Hans Buhler, 12 p.

GERMAN, per, Archiv fur das Eisenhuttenwesen, 1933, Vol VII, No 5, pp 315-317.

SLA 59-20591

Sci
Mar 60
Vol 3, No 1

119,998

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Neumann, Gustav.
DATA FOR SAVING GAS BY PREHEATING. Rept. no. 185 of the Wärmestelle [Fuel Section] of the Verein Deutscher Eisenhüttenwesen. [1961] [9]p.
Order from SLA $1.10 61-18501

Trans. of Archiv für das Eisenhüttenwesen (Germany) 1933/34, v. 7, July, p. 37-39.

DESCRIPTORS: *Blast furnaces, Operation, Exhaust gases, Air, *Heat transfer, Fuel consumption, Temperature, Combustion, Gases. Economics.

(Unannounced)

61-18501

1. Title: Recuperators
I. Neumann, G.
II. Title: Verein...

184072

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Trials to Determine the Convective Heat Transfer Coefficients in Narrow Bricked Ducts, by H. H. Bohm.

GERMAN, per, Archiv fur Eisenhuttenwesen, Vol VI, No 4, 1933, pp 423-431.

SCOW

Sci - Engr
Aug 63

341,373

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

On the Dephosphorization of Steel Baths, by H. O. von Samson-Himmelstjerna.

GERMAN, per, Archiv Eisenhuttenwesen, Vol VI, No 11, 1932-1933, pp 471-475.

Brutcher Tr 134
$3.80

Scientific - Minerals/Metals CTS 69/Jun 55

24,642

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

The System of Iron-Cobalt-Alumium, by W. Koster.
GERMAN, per, Archiv fur Eisenhutten-wessen, Vol 7, No 4, Oct 1933, pp 263-264.
*NASA TT F-12,144

Sci-Mat
Feb 69

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Influence of Cold-drawn Reduction Upon the Stresses in Round Bars, by H. Buhler, H. Buchholtz.

GERMAN, per, Archiv Eisenhuttenwesen, Vol VII, Xgk 1934.

Brutcher Tr No 1220

16,706

Scientific - Min/Metals

$3.73

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Effect on Stresses in Circular Bars on the Reduction in Area Due to Cold Drawing, by Hans Buhler, Herbert Buchholz, 9 p.

GERMAN, per, Archiv fur das Eisenhuttenwesen, 1934, Vol VII, No 7, pp 427-430.

SLA 59-20593

Sci
Apr 60
Vol XII, No 2

113,592

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

On the Melting of Steels in Vacuo, by W. Eilender
A von Bahlen und Balbach, O. Meyer

GERMAN, per, Archiv Eisenhuttenwesen, Vol VII,
1933-34, No 9, pp 493-497.

Brutcher Order No 64

Price $3.70

Scientific - Metallurgy

1390

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Influence of Nonmetallic Nuclei Upon the Graphite Structure of Cast Iron. Hereditary Phenomena in Cast Iron and Their Causes, by O. von Keil et al.

GERMAN

[redacted], Archiv Fur Das Eisenhuttenwesen, Vol 7, 1933-34, No 10, pp 579-584.

Brutcher Tech Tr No 24

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Concentration and the Formation of Metal Carbides, by I. Gaeff.
GERMAN, per. Arch Eisenh, No 7, 1934, pp 587-588.
*NBS TT 70-57483

Sci-Mat
Aug 70

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Notch Sensitivity of Steels, by August Thum, Walter Buchmann, 20 pp.

GERMAN, per; Archiv fur das Eisenhuttenwesen, Vol VII, May 1934, pp 627-632.

S.L.A. Tr 548/56

Sci - Minerals/Metals

37,138

Aug 1956

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Precipitation Hardening of Iron-Chromium-Molybdenum and Iron-Chromium-Tungsten Alloys, by Erich Scheil, Klaus Bischoff, Hermann Ernst Schulz. 6 p.

GERMAN, per, Arch fur das Eisenhuttenwesen, 1934, Vol VII, No 11, pp 637-640.

SLA 59-20425

Sci
Mar 60
Vol 2, No 12

109,231

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Influence of Reduction in Drawing and of Tempering Upon Internal Stresses in Steel Wire, by H. Buhler, W. Pungel.

GERMAN, per, Archiv Eisenhuttenwesen, Vol VIII, 1934.

1

Brutcher Tr No 242

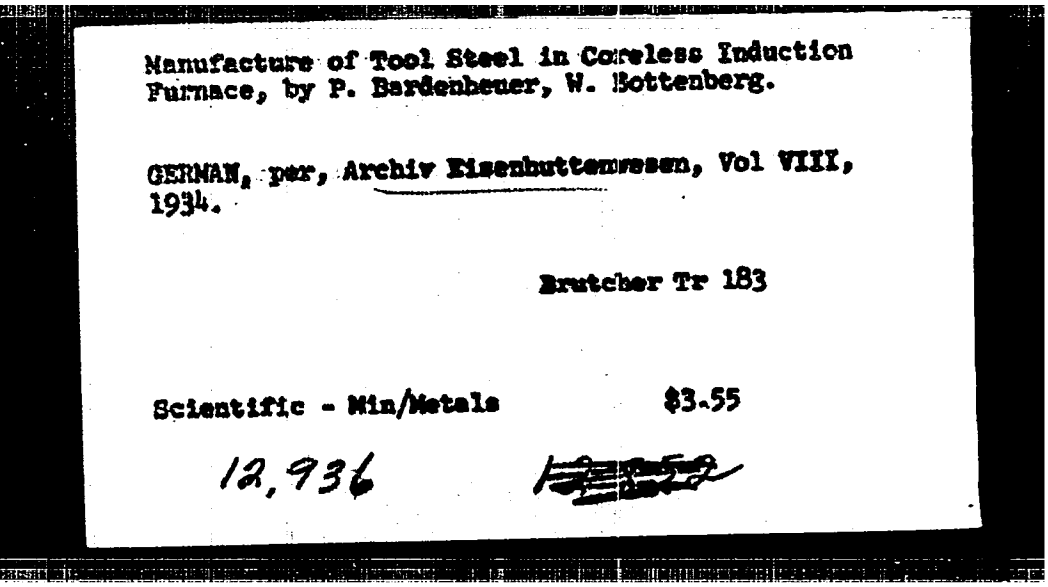
16,730

Scientific - Min/Metals

$3.25

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9



Manufacture of Tool Steel in Coreless Induction Furnace, by P. Bardenheuer, W. Bottenberg.

GERMAN, per, Archiv Eisenhuttenwesen, Vol VIII, 1934.

Brutcher Tr 183

Scientific - Min/Metals $3.55

12,936

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Influence of Tempering Upon Quenching Stresses in Steel, by H. Buhler, H. Buchholtz.

GERMAN, per, Archiv Eisenhuttenwesen, Vol VIII, No 3, 1934.

Brutcher Tr No 1933

16,705

Scientific - Min/Metals

$3.60

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Spectroanalytical Studies of Flakes in Cr-Ni Steels, by E. Esser, W. Eilender, A. Bungaroth.

GERMAN, Archiv Eisenhuttenwesen, Vol VIII, 1934.

Brutcher Tr 191

$1.80

Scientific - Minerals/Metals

17,018

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Properties of Chrome-Manganese and Chrome-Nickel-Manganese Stainless Steels, by K. S. Gunzburg et al.

GERMAN, per, Archiv Eisenhuttenwesen, Vol VIII, No 3, KK 1934 - 1935, pp 121-123.

Brutcher Tr 686

9562

Scientific - Minerals/Metals
CTS/DEK Price $1.90

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

The System Iron-Nickel-Molybdenum, by Werner Koster, 5 p.

GERMAN, per, Arch fur das Eisenhuttenwesen, 1934, Vol VIII, No 4, pp 169-171.

SLA 59-20055

Sci
Mar 60
Vol 2, No 12

109,243

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Burchartz, Heinrich and Deiss, Eugen.
THE BEHAVIOUR OF SULPHIDES OF BLAST FURNACE SLAG IN CEMENT MORTAR AND CONCRETE. 12 Mar 35 [17p] 10refs
Order from SLA $1.60 TT-64-14297

Trans. of Archiv für das Eisenhüttenwesen (Germany) 1934, v. 8, no. 5, p. 181-186.

DESCRIPTORS: *Concrete, *Mortar, *Cements, Slags, Blast furnaces, *Sulfides, Chemical reactions.

(Materials, TT, v. 11, no. 10)

TT-64-14297

I. Burchartz, H.
II. Deiss, E.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Combined Effect of Thermal and Transformation Stresses in Quenched Hollow Steel Cylinders, by Hans Buhler, Erich Scheil, 10 p.

GERMAN, per, Archiv fur das Eisenhuttenwesen 1934, Vol VIII, No 5, pp 219-222.

SLA 59-20589

Nci
Apr 60
Vol III, No 2

113,591

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Behavior of Sulphides of Blast Furnace Slag in Cement Mortar and Concrete, by K. Burchartz, E. Dolan.

CERAM, Archiv Eisenhuttenwesen, Vol VIII, No 9, 1934.

Brutcher Tr 1847

$8.70

Scientific - Minerals/Metals

17,023

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Equilibrium FeS + Mn = MnS + Fe at High Temperatures, by O. Meyer, F. Schulte, 2 pp.

German, per, Archiv fuer das Eisenhuettenwesen, Vol VIII, No 5, Duesseldorf, Nov 1934.

Dept of Interior
US Bur of Mines
Central Experiment Station
Pittsburgh, Pa. Tr 78

Sci - Engr

87, 572

May 59

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Influence on Impact-Notch Strength of the Impurities in Commercial Steels, by Gerhard Schmidt, 17 pp.
GERMAN, per, Archiv fur das Eisenhuttenwesen, Vol VIII, No 6, 1934/35, pp 263-267.
Dept of Navy 4887/NRL 1064

Sci - Materials
Sept 66

305,675

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Aluminum as Addition E to Hot Dip Galvanizing Baths, by H. Rablik, F. Gotzl.

GERMAN, Archiv Eisenhuttenwesen, Vol XVII, Nos 5, 6, 1934.

Brutcher Tr 1690

Scientific - Min/Metals $3.75

12,985

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Study of Diffusion of C, Si and Mn, in Solid and Liquid Iron, by M. Paschke.
GERMAN, per. Arch. Eisenh., 9, 1935, pp 305-309.
*NBS TT 70-57364

Sci-Mat
Aug 70

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Role of Time Study in Plant Management and Industrial Accounting, by H. Euler, 18 pp.

GERMAN, per, Arch Eisenhuttenw, Vol VIII, No 7, Jan 1935, pp 319-324.

SLA 57-2443

EEur - Germany
Econ
May 58

63,152

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

The Influence of Nitrogen and Oxygen on the Mechanical Aging of Steel, by W. Eilender, H. Cornelius, and H. Knuppel, 6 pp. 1

GERMAN, per, Arch Eisenhuttenwesen, Vol VIII, No 11, May 1935, pp 507-509.

SLA Tr 57-2114

Sci

68,033

Jul 58

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Influence of Shape of Die Upon Internal Stresses and Mechanical Properties of Cold-drawn Steel Bars, by H. Buhler.

GERMAN, per, Archiv Eisenhuttenwesen, Vol VIII, 1935.

Brutcher Tr No 1142

16,732

Scientific - Min/Metals

$2.30

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

The System Iron-Cobalt-Titanium, by
Werner Koster.
GERMAN, per, Arch fur Eisenh, Vol 8,
No 10, Apr 1935.
NASA TT F-12,143

Sci-Mat
July 69

388,579

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Optical Temperature Measurements of Liquid Iron and Steels, by F. Blaurok.

XMX
GERMAN, Archiv Eisenhuttenwesen, Vol VIII, 1935, pp 517-532.

Brutcher Tr No 279

14,926

Scientific - Min/Metals

$14.70

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Errors in Temperature Measurements With Thermo Elements and Protective Tubes, by H. Euler, K. Guthmann, 46 pp.

GERMAN, per, Arch Eisenhuttenw, Vol IX, No 2, Aug 1935, pp 73-90.

SLA Tr 57-138

58,177

Sci-Phys
Feb 58

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Decarburization of Some Alloy Steels by Hydrogen, by W. Baukloh, H. Guthmann.

GERMAN, per, Archiv Eisenhuttenwesen, Vol IX, 1935.

Brutcher Tr 921

Scientific - Min/Metals $1.60

12,744

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Mode of Action of Etching Reagents for Carbides, by E R. Mitsche.

GERMAN, per, Archiv Eisenhuttenwesen, Vol IX, 1935.

Brutcher Tr 1314

13,024

Scientific - Min/Metals

$2.35

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Influence of Uranium on the Structural Properties, Hardening and Retention of Hardness of Unalloyed Steels, by H. Bennek, G. G. Holzmeister, 16 pp.

GERMAN, per, Arch Eisenhuttenw, Vol IX, 1935, pp 193-200.

AEC NP 117

Sci - Phys

Oct 58

74,596

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Decarburation De Quelques Aciers Allies Par L'Hydrogene. (Decarbonization of Some Steels Combined With Hydrogen), by W. Baukloh, H. Guthmann, 10 pp.

FRENCH from GERMAN, per, Arch Eisenhuttenw, Vol IX, 1935, pp 201, 202.

Reverse Translation
AEC/CEA-Tr-A494

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Kessner, A. and Specht, H.
THE EFFECT OF COLD DRAWING UPON THE WELDING PROPERTIES OF BARE STEEL ELECTRODES.
[1962] 15p.
Order from SLA $1.60 62-18933

Condensed trans. of Arch[iv für das] Eisenhüttenw[esen] (Germany) 1935, v. 9, no. 5, p. 231-239.

DESCRIPTORS: Electrodes, *Steel, Cold-working, *Welding, *Welded joints, Mechanical properties.

(Metallurgy, TT, v. 9, no. 6)

62-18933

I. Kessner, A.
II. Specht, H.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Revision of Wage Payment, by Willibald Herkenroth, 13 p.

GERMAN, per, Archiv fur das Eisenhuttenwesen, 1935, Vol IX, No 5, pp 267-272.

SLA 59-20410

Sci
Mar 60
Vol 2, No 12

109 275.

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Decarburization of Some Alloy Steels by Hydrogen,
by W. Baukloh, H. Guthmann.

GERMAN, per. Archiv Eisenhuttenwesen, Vol IX, 1935.

Brutcher Tr No 921

Scientific - Min/Metals

$1.60

14,148

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

The Grading of Ball Race Steels by the Inclusion Content, by H. Diergarten.

GERMAN, per, Arch Eisenhuttenw, Vol V, 1936, pp 197-210.

The Iron and Steel Institute
Tr No OT/125 431

Scientific - Physics, metals, steel, inclusion

Index Aeronaticus

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Quantitative Determination of Chromium and Tungsten, in Cr-W Steel., by L. Stahl, F. Bischof,

GERMAN, per, Archiv Eisenhuttenwesen, Vol IX, 1936.

Brutcher Trans, Order No 440
$1.80

15,199

Scientific - Min/Metals

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Progress in the Analysis of Steel and Ferro-alloys for Gases by the Vacuum Fusion Method, by R. Castro, A. Portevin.

GERMAN, per, Archiv Eisenhuttenwesen, Vol IX, 1936.

30,337

Brutcher Tr No 356
$6.50

Scientific - Minerals/Metals

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Quantitative Determination of Chromium and Tungsten in Cr-W Steel, by L. Stahl, F. Bischof.

GERMAN, per, Archiv Eisenhuttenwesen, Vol IX, 1936.

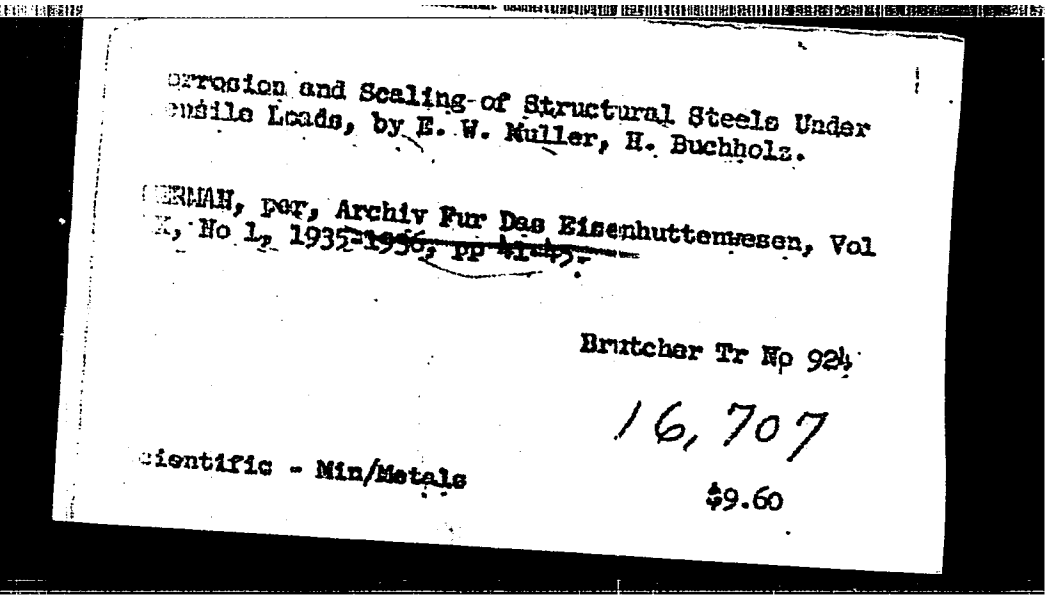
Brutcher Tr No 440

Scientific - Min/Metals $1.80

14,805

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9



orrosion and Scaling of Structural Steels Under
nsile Loads, by E. W. Muller, H. Buchholz.

ERMAN, Der, Archiv Fur Das Eisenhuttenwesen, Vol
X, No 1, 1935-1936, pp 41-45.

Britcher Tr Np 924

16,707

Scientific - Min/Metals

$9.60

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

The Application of Polarised Light in Studying the Structure of Iron and Steel, by P. Schafmeister, G. Moll.

GERMAN, per, Archiv fuer Eisenhuttenwesen, Vol X, Oct 1936, pp 155-160.

BISI 2566

Sci - Engr

188,958

Mar 62

List 124

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Seizing of Screw Connections at High Temperatures, by H. Vollbrecht.

GERMAN, per, Archiv Fuer Das w Eisenhuttenwesen, Vol IX, 1936, pp 397-404.

CSIRO

Sci - Engr

Mar 62

188,519

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Schenck, H. and Riesz, Walter.
AN INVESTIGATION OF THE CHEMISTRY OF THE BASIC STEELMAKING PROCESS. Communication no. 309 of the Steelworks Section of the [Verein Deutscher Eisenhüttenleute]. [1961] 26p. 15 refs.
Order from SLA $2.60 61-18878

Trans. of Archiv für das Eisenhüttenwesen (Germany) 1936, v. 9, no. 12, p. 589-600.

DESCRIPTORS: Steel, Processing, Physical chemistry, Chemistry.

(Unannounced)

61-18878

I. Schenck, H.
II. Riesz, W.
III. Title: Verein ...

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

The Determination of the Wear Resistance as a Problem in Material Testing, by H. Meyer

GERMAN, Arch. Eisenhuttenw., 9 (10), 1936, 501-508.

Associated Electrical Industries LTD
Tr No [illegible] 452 OT/177

Scientific - Physics

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Researches on the Viscosity of Siemens-Martin Slags, by Fritz Hartmann, 16 pp.

GERMAN, per, Archiv für das Eisenhüttenwesen, Vol X, No 2, Aug 1936, pp 47-52.

S.L.A. Tr No 236/1955

UKSM GB 76
44,917

Sci - Minerals/Metals
Jan 1957 CTS/dex

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

The Mechanism of Precipitations and Transformations
by U. Dehlinger, 16 pp.

GERMAN, per, Archiv Eisenhuttenw, Sep 1936.

SLA 57-921

Sci - Min/Mat

58,443

Feb 58

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

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The Determination of the Wear Resistance as a Problem in Material Testing, by H. Meyer

GERMAN, Arch. Eisenhuttenw., 9 (10), 1936, 501-508.

Associated Electrical Industries LTD
Tr No 452 OT/177

Scientific - Physics

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APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Researches on the Viscosity of Siemens-Martin Slags, by Fritz Hartmann, 16 pp.

GERMAN, per, Archiv für das Eisenhüttenwesen, Vol X, No 2, Aug 1936, pp 47-52.

S.L.A. Tr No 236/1955

UKSM GB 76
#4,907

Sci - Minerals/Metals
Jan 1957 CTS/dex

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

The Mechanism of Precipitations and Transformations
by U. Dehlinger, 16 pp.

GERMAN, per, Archiv Eisenhuttenw, Sep 1936.

SLA 57-921

Sci - Min/Met

58, 4143

Feb 58

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Structure and Properties of Chromium-Manganese Steels, by F. Bruhl.

GERMAN, per, Archiv Eisenhuttenwesen, Vol X, 1936.

Brutcher Tr No 509

16,678

Scientific - Min/Metals $1.00

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Comparative Tests on Small Notch-Impact Specimens with Various Notch Depths and Diameters, by Richard Mailander, 8 p.

GERMAN, per, Archiv fur das Eisenhuttenwesen, 1936, Vol X, No 2, pp 53-58

SLA 59-20409

Sci
Mar 60
Vol 3, No 1

111,007

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Degree of Fluidity of Lime Silicates, Lime Ferrites, and Basic Open Hearth Slags Up to 2950° F, by K. Endell.

GERMAN, per, Arch Eisenhuettenw, Vol X, 1936, pp 85-90

ASLIB-OBTC

Sci
Aug 59

94,503

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Relation Between Static and Dynamic Notched-Bar Tests, by Richard Mailander, 3 p.

GERMAN, per, Archiv fur das Eisenhuttenwesen, 1936, Vol X, No 3, pp 109-110.

SLA 59-20408

Sci
Mar 60
Vol 2, No 12

109235

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Heiligenstaedt, W.
TEMPERATURE AND SOAKING OF MATERIAL HEATED IN PUSH FURNACES. Rept. no. 236, Group D/176 of the Wärmstelle [Fuel Section] of the [Verein Deutscher Eisenhüttenleute] [1961] [27]p.
Order from SLA $2.60 61-18500

Trans. of Archiv für das Eisenhüttenwesen (Germany) 1936/37, v. 10, p. 131-138.

DESCRIPTORS: *Open hearth furnaces, Temperature, *Heat transfer, *Steel casting, Processing, Heating.

(Unannounced)

61-18500

I. Title: Pusher furnaces
I. Heiligenstaedt, W.
II. Title: Verein...

184071

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

The Application of Polarized Light to the Study of the Structure of Iron and Steel, by P. Schafmeister, G. Moll.

GERMAN, per, Archiv fuer Eisenhuttenwesen, Vol X, Oct 1936, pp 155-160.

*BISI 2566

Sci - Engr

15 Feb 62

list 117

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

The Breaking Strength of Cast Iron, by Georg Bierett, 17 pp.

GERMAN, per, Archiv fur das Eisenhuttenwesen, Vol X, No 4, Oct 1936, pp 165-169. 34,389

S.L.A. No 164/1956

Scientific - Minerals/metals

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Residual Stresses and the Alternating Bending Strength of Nitrided Steel Specimens, by Richard Mailander, 9 p.

GERMAN, per, Archiv fur das Eisenhuttenwesen, 1936, Vol X, No 6, pp 257-261.

SLA 59-20570

Sci
Mar 60
Vol 3, No 1

111, 008

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Diffusion of Hydrogen in Metals, by W. Baukloh.
GERMAN, per, Arch Eisenh, No 11, 1937, pp 273-278.
*NBS TT 70-57482

Sci-Mat
Aug 70

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000401140054-9

Heat-Resistant Chromium-Manganese Steels, by
Max Schmidt, Hans Legat, 16 p.

GERMANY, pub, Archiv fur das Eisenhuttenwesen,
1937, Vol X, No 7, pp 297-306.

SLA 60-10182

Sci
Apr 60
Vol XII, No 3

112,838

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Experiments on the Deformability of an Iron-Nickel Alloy During the Gamma to Alpha Transformation, by Gunter Wassermann, 10 pp.

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63-16869

RUNNING TEST WITH COMPLETE CHAIN SPEED GEAR SETS OF GERMAN AND FOREIGN HEAT TREATING STEELS. [1963] 10p.
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Trans. of Archiv für das Eisenhüttenwesen (Germany) 1937, v. 11, no. 1, p. 10-16.

DESCRIPTORS: *Transmission gears, *Steel, *Heat treatment, Friction, Lubrication.

(Metallurgy--Ferrous Metals, TT, v. 10, no. 8)

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Decarburization of Pure Iron-Carbon Alloys and Alloy Steels by Hydrogen, by W. Baukloh, W. Von Rosenfels.

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